

Title (en)

Instrument penetration for high pressure vessels.

Title (de)

Instrumentenrohrdurchführung für Hochdruckkessel.

Title (fr)

Pénétration d'un tube d'instrument pour cuves à haute pression.

Publication

**EP 0244669 A2 19871111 (EN)**

Application

**EP 87105437 A 19870413**

Priority

US 85964886 A 19860505

Abstract (en)

A connector assembly (10) and an installation method therefor provides a fluid-tight joint between a nozzle (16) and a column (30) concentrically supported within the nozzle. An annular seal assembly (34, 36, 38) is disposed above a flange (18) formed on the interior of the nozzle. A spacer sleeve (50) is threaded to the nozzle for engagement with a ledge (54) formed on the column. A clamp assembly (62, 64, 38) is mounted to the column at a fixed position and includes means for raising the column in relation to the nozzle to fix the axial position of the column. A nut (60) threaded to the column is rotatable for forcing a drive sleeve (40) into compressive engagement with the seal assembly (34, 36, 38) to produce a fluid-tight seal between the column and the nozzle.

IPC 1-7

**F16L 5/00**; **F16L 5/02**; **G21C 13/02**

IPC 8 full level

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CPC (source: EP US)

**F16L 5/02** (2013.01 - EP US); **G21C 13/036** (2013.01 - EP US); **Y02E 30/30** (2013.01 - EP US)

Cited by

EP0701260A1; FR2724484A1; US5748689A; FR2718276A1; US5828711A; FR2642217A1; US5084228A; WO9527287A1; WO9526553A1

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